

To: Dirk R. Rowley

Date: September 25, 2024

Thanks for testing your water with us! We test for 55 PFAS compounds. PFAS detects are highlighted in yellow. Concentrations are shown in parts per trillion (ppt). Our limit of quantification (LOQ) is 1.0 ppt for each of the 55 PFAS. We do not report detection values below our LOQ.

Your report lists results for each of the EPA regulated PFAS6 compounds (PFOA, PFOS, PFHxS, PFNA, GenX, and PFBS). Values are reported under Additional PFAS for the other 49 PFAS tested only if there has been a detection above 1.0 ppt. Regulatory information for the PFAS6 is located on the next page.

**What's In My Water?**

**Kit# 10958.** We found 8 PFAS in this water sample, with a total concentration of 23.4 ppt.

**Kit# 10959.** We found 2 PFAS in this water sample, with a total concentration of 2.9 ppt.

Barcode	WTK_PFAS_10958	WTK_PFAS_10959
Name	Dirk R. Rowley	Dirk R. Rowley
Location	Fort Wayne, IN 46808	Fort Wayne, IN 46808
Comments	Maumee River	WANE 15
Filtration	Unfiltered	filtered
Sampling Date	8/30/24 14:00	8/30/24 12:00
Order Number	18756	18756
PFOA	2.5	< 1.0 ppt
PFOS	4	< 1.0 ppt
PFHxS	1.7	< 1.0 ppt
PFNA	< 1.0 ppt	< 1.0 ppt
GenX	< 1.0 ppt	< 1.0 ppt
PFBS	4.2	< 1.0 ppt
Total PFAS (EPA PFAS6)	12.4	0
Additional PFAS		
PFPeA	3.4	1.5
PFHxA	5.3	1.4
PFHpA	1.1	< 1.0 ppt
6:2 FTS	1.2	< 1.0 ppt
Total PFAS (All Detected)	23.4	2.9

**Kit# 10960.** We found 2 PFAS in this water sample, with a total concentration of 3.1 ppt.

**Kit# 10961.** We found 3 PFAS in this water sample, with a total concentration of 4 ppt.

Barcode	WTK_PFAS_10960	WTK_PFAS_10961
Name	Dirk R. Rowley	Dirk R. Rowley
Location	Fort Wayne, IN 46808	Defiance, OH 43512
Comments	St. Joe River	Defiance Water Plant
Filtration	Unfiltered	filtered
Sampling Date	8/30/24 13:00	9/11/24 12:30
Order Number	18756	18756
PFOA	< 1.0 ppt	< 1.0 ppt
PFOS	< 1.0 ppt	< 1.0 ppt
PFHxS	< 1.0 ppt	< 1.0 ppt
PFNA	< 1.0 ppt	< 1.0 ppt
GenX	< 1.0 ppt	< 1.0 ppt
PFBS	< 1.0 ppt	1.1
Total PFAS (EPA PFAS6)	0	1.1
Additional PFAS		
PFPeA	1.6	1.4
PFHxA	1.5	1.5
PFHpA	< 1.0 ppt	< 1.0 ppt
6:2 FTS	< 1.0 ppt	< 1.0 ppt
Total PFAS (All Detected)	3.1	4

### Regulatory Information

EPA has set Maximum Contaminant Level Goals (MCLGs) for each of the PFAS6 compounds. The MCLG is the maximum level for a contaminant in drinking water below which there is no known or expected risk to health, allowing for an adequate margin of safety. MCLGs are non-enforceable public health goals. EPA has set MCLGs of zero for PFOA and PFOS. This reflects the latest science showing that there is no level of exposure to these two PFAS without risk of health impacts. For PFBS, we have listed the EPA's health based value (HBV). [\[Click here to learn more\]](#).

Compound	Final MCLG	Final MCL (enforceable levels)
PFOA	Zero	4.0 ppt
PFOS	Zero	4.0 ppt
PFHxS	10 ppt	10 ppt
PFNA	10 ppt	10 ppt
HFPO-DA (GenX)	10 ppt	10 ppt
PFBS	2000 ppt*	Hazard Index

\* EPA health-based value.

### 55 PFAS Compounds Detected by Cyclopure Analytical Methods

Compound	Abbreviation	CAS#
Perfluorobutanoic Acid	PFBA	375-22-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluorotridecanoic Acid	PFTTrDA	72629-94-8
Perfluorotetradecanoic Acid	PFTeA	376-06-7
Perfluoropropane Sulfonic Acid	PFPrS	423-41-6
Perfluorobutane Sulfonic Acid	PFBS	375-73-5
Perfluoropentane Sulfonic Acid	PFPeS	2706-91-4
Perfluorohexane Sulfonic Acid	PFHxS	355-46-4
Perfluoroheptane Sulfonic Acid	PFHpS	375-92-8
Perfluorooctane Sulfonic Acid	PFOS	1763-23-1
Perfluorononane Sulfonic Acid	PFNS	474511-07-4
Perfluorodecane Sulfonic Acid	PFDS	335-77-3
Perfluorododecane Sulfonic Acid	PFDoS	79780-39-5
4:2 Fluorotelomer Sulfonate	4:2 FTS	414911-30-1
6:2 Fluorotelomer Sulfonate	6:2 FTS	425670-75-3
8:2 Fluorotelomer Sulfonate	8:2 FTS	481071-78-7
10:2 Fluorotelomer Sulfonate	10:2 FTS	120226-60-0

Perfluorobutane Sulfonamide	FBSA	30334-69-1
N-Methylperfluorobutanesulfonamide	MeFBSA	68298-12-4
Perfluorohexane Sulfonamide	FHxSA	41997-13-1
Perfluorooctane Sulfonamide	PFOSA	754-91-6
Perfluorodecane Sulfonamide	FDSA	N/A
N-Ethylperfluorooctane-1-Sulfonamide	NEtFOSA	4151-50-2
N-Methylperfluorooctane-1-Sulfonamide	NMeFOSA	31506-32-8
Perfluorooctane Sulfonamido Acetic Acid	FOSAA	2806-24-8
N-Ethyl Perfluorooctane Sulfonamido Acetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctane Sulfonamido Acetic Acid	NMeFOSAA	2355-31-9
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3H-Perfluorononanoate	ADONA	919005-14-4
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Perfluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
11-Chloroeicosafluoro-3-Oxanonane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
Perfluoro(2-ethoxyethane) Sulfonic acid	PFEESA	113507-82-7
Perfluoro-4-ethylcyclohexane Sulfonic Acid	PFECHS	646-83-3
8-Chloroperfluoro-1-Octanesulfonic Acid	8Cl-PFOS	777011-38-8
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5
2h,2h,3h,3h-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4
2H-Perfluoro-2-dodecenoic acid	FDUEA	70887-94-4
2H-perfluoro-2-decenoic acid	FOUEA	70887-84-2
Bis(perfluorohexyl)phosphinic acid	6:6PFPI	40143-77-9
(Heptadecafluorooctyl)(tridecafluorohexyl) Phosphinic Acid	6:8PFPI	610800-34-5
Bis(perfluorooctyl)phosphinic acid	8:8PFPI	40143-79-1
N-(3-dimethylaminopropan-1-yl) perfluoro-1-hexanesulfonamide	N-AP-FHxSA	50598-28-2